

REMARKS

The present amendment is submitted in response to the outstanding Office Action dated April 22, 2003. In view of the foregoing amendments and the comments which follow reconsideration and allowance are respectively requested.

Claims 1-6, 8-12 and 16-19 are pending, claims 1, 10, 11 and 17-19 having been amended.

In paragraph 1 of the Office Action of April 22, 2003, claims 1-12 were rejected under 35 U.S.C. 103 (a) as allegedly being unpatentable over U.S. Patent 5,678,228 to Soleimani et al. (Soleimani) in view of U.S. Patent 5,991,635 to Dent et al. (Dent). Applicants respectively traverse the rejection.

Claims 1-12 are directed to a VSAT terminal and network comprising a controller in communication with a user VSAT interface and in electrical connection with a microwave power amplifier and a microwave low noise amplifier for supplying power thereto. The controller is operative to provide a less-than-full electrical power supply to one of the amplifiers after a predetermined period of inactivity of the user VSAT interface and operative to provide a full electrical power supply to one of the amplifiers in the presence of a communication session. The controller is operative to maintain the less-than-full electrical power supply to the one of the amplifiers until the presence of the communication session. Furthermore, the controller does not return one of the amplifiers to full electrical power between communication sessions.

Soleimani discloses a VSAT terminal that has a sleep mode. Soleimani does not disclose a controller being functional to dispense a less-than-full electrical power supply to either one of the amplifiers after a predetermined period of inactivity of the user VSAT interface. Furthermore, Soleimani teaches in column 5, line 3-6 that “[h]owever, when controlling power to the receiver chain 80, it is important to switch the power off and on at regular pre-defined intervals in synchronization with the outroute transmissions from the central hub station 2.” In addition, Soleimani recites in column 5, lines 26-29 that [t]he timing circuit 49 also functions to

control the module 45 of the power supply circuit 41 to connect the receiver chain 80 to the power supply at regular predefined intervals so as to allow for the reception of incoming calls.”

Dent discloses a mobile telephone having reduced power sleep modes. Dent discloses a portable station adopting a first sleep mode to reduce power consumption by a first factor during normally busy periods of the day that require prompt response to calls and adopting one or more alternate sleep modes during periods of lower expected activity when a greater delay in responding to calls can be tolerated. Dent does not teach or suggest a controller being operative to maintain the less-than-full electrical power supply to one of the amplifiers until presence of a communication session, as required by claims 1-12. The mobile telephone in sleep mode, as described in Dent, must wake up periodically to determine whether a page is being received. Thus, at least the receiver of the mobile telephone must be fully powered on periodically regardless of the presence of a communication session. Furthermore, Dent does not teach or suggest a controller that does not return one of the amplifiers to full electrical power between communication sessions. To the contrary, Dent teaches the exact opposite of the claims as amended, namely the periodic return to full electrical power between communication sessions

For at least the reasons discussed above, Applicants submit that the combination of Soleimani and Dent does not disclose, teach or suggest a controller being operative to provide a less-than-full electrical power supply to one of the amplifiers after a predetermined period of inactivity of a user VSAT interface and operative to provide a full electrical power supply to the one of the amplifiers in the presence of a communication session, wherein the controller is operative to maintain the less-than-full electrical power supply to the one of the amplifiers until presence of the communication session, and a controller that does not return one of the amplifiers to full electrical power between communication sessions as recited in claims 1-12 as amended.

Furthermore, Applicants submit that in view of the teachings in Soleimani and Dent of the periodic return to full power, that even if one of ordinary skill in the art at the time of the invention were to try to combine the teachings of these references the resulting system would periodically return to full power between communication sessions, and therefore the present

invention as recites in the claims as amended would not have been obvious to one of ordinary skill in the art.

Applicants further submit that claims 16-19 as amended are patentable over Soleimani in view of Dent, for at least the reasons discussed above with regard to claims 1-12. For the reasons discussed above, Applicants submit that all of the pending claims are patentable over Soleimani in view of Dent and respectfully request that the rejection be withdrawn.

In paragraph 2 of the Office Action of April 22, 2003, claim 16 was rejected under U.S.C. 103 (a) as allegedly been unpatentable over Soleimani in view of Dent and further in view of U.S. Patent 5,898,401 to Walls. Applicants respectfully traverse the rejection.

Claim 16 has been amended in a manner similar to claims 1, 10 and 11. Applicants submit that Walls does not cure the deficiencies of Soleimani and Dent discussed previously, in that there is no teaching or suggestion in Walls of maintaining the less-than-full electrical power supply to the one of the amplifiers until the presence of the communication session, or a teaching or suggestion of not returning the one of the amplifiers to full electrical power between communication sessions.

For at least the reason discussed above, Applicants submit that the combination of Soleimani, Dent and Walls does not disclose the above-mentioned feature of claim 16. Applicants submit that claim 16 is patentable over Soleimani, Dent and Walls and therefore, Applicants request that the rejection be withdrawn.

In paragraph 3 of the Office Action of April 22, 2003, claims 17-19 were rejected under U.S.C. 103 (a) as allegedly been unpatentable over Soleimani in view of Dent and further in view of Walls. Again Applicants respectfully traverse the rejection.

As was stated previously with regard to claim 16, claims 17-19 have been amended in a manner similar to claims 1, 10 and 11. Applicants once again submit that Walls does not cure the deficiencies of Soleimani and Dent discussed previously, in that there is no teaching or suggestion in Walls of maintaining the less-than-full electrical power supply to the one of the amplifiers until the presence of the communication session, or a teaching or suggestion of not returning the one of the amplifiers to full electrical power between communication sessions.

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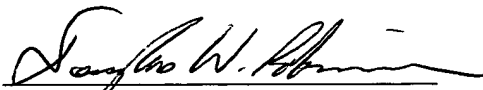
For at least the reason discussed above, Applicants submit that the combination of Soleimani, Dent and Walls does not disclose the above-mentioned feature of claims 17-19. Applicants submit that claims 17-19 are patentable over Soleimani, Dent and Walls at least to the extent that claims 17-19 are similar to claim 1, 10, 11 and 16. Therefore, Applicants request that the rejection be withdrawn.

All rejections having been addressed, Applicants submit that the application is now in condition for allowance, and a Notice to that effect is earnestly solicited.

Applicants hereby petition for any fees required to maintain the pendency of this case, except for the Issue Fee, and such fee is to be charged to Deposit Account No. 19-0733.

If for any reason the Examiner is unable to allow the application on the next Office Action and feels that an interview would be helpful to resolve any remaining issue, the Examiner is respectfully requested to contact the undersigned attorney for the purpose of arranging such an interview.

Respectfully submitted,

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